

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	600/476.ccls. and measur\$4 cartilage\$1 thickness with proces\$4 analyz\$4 light\$1 intensit\$4 and wavelength\$1 and backscatter\$4 white light\$1 and subchondral bone.clm.	US-PGPUB; USPAT	AND	OFF	2011/09/10 15:16
L2	0	356/39.ccls. and measur\$4 cartilage\$1 thickness with proces\$4 analyz\$4 light\$1 intensit\$4 and wavelength\$1 and backscatter\$4 white light\$1 and subchondral bone.clm.	US-PGPUB; USPAT	AND	OFF	2011/09/10 15:16
L3	0	356/369.ccls. and measur\$4 cartilage\$1 thickness with proces\$4 analyz\$4 light\$1 intensit\$4 and wavelength\$1 and backscatter\$4 white light\$1 and subchondral bone.clm.	US-PGPUB; USPAT	AND	OFF	2011/09/10 15:17
L4	0	356/338.ccls. and measur\$4 cartilage\$1 thickness with proces\$4 analyz\$4 light\$1 intensit\$4 and wavelength\$1 and backscatter\$4 white light\$1 and subchondral bone.clm.	US-PGPUB; USPAT	AND	OFF	2011/09/10 15:17
S1	92	((ANDERS) near2 (JOHANSSON)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/17 22:18
S2	5	((TOMMY) near2 (SUNDQVIST)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/17 22:19
S3	6	((AKE) near2 (OBERG)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/17 22:20
S4	6	((AKE) near2 (OBERG)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/17 22:20

S5	4	"6660001"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/17 22:21
S6	9	"6437856"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/17 22:29
S7	31	"6091984"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/17 22:33
S8	2	"20020051512"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/17 22:38
S9	0	measur\$4 tissue thickness with 2d two dimensional light intensity detector\$1	US-PGPUB; USPAT; USOCR	AND	OFF	2009/01/21 18:00
S10	0	measur\$4 tissue thickness with two dimensional light intensity detector\$1	US-PGPUB; USPAT; USOCR	AND	OFF	2009/01/21 18:00
S11	0	measur\$4 tissue thickness with light intensity detector\$1	US-PGPUB; USPAT; USOCR	AND	OFF	2009/01/21 18:00
S12	730	measur\$4 tissue thickness with two dimensional light intensity detector\$1	US-PGPUB; USPAT; USOCR	AND	OFF	2009/01/21 18:00
S13	438	measur\$4 tissue thickness with two dimensional light intensity detector\$1 and compar\$4 mean\$1	US-PGPUB; USPAT; USOCR	AND	OFF	2009/01/21 18:02
S14	0	measur\$4 tissue thickness with two dimensional light intensity detector\$1 and compar\$4 mean\$1 and extract\$4 light\$1 from white light source	US-PGPUB; USPAT; USOCR	AND	OFF	2009/01/21 18:03
S15	227	measur\$4 tissue thickness with two dimensional light intensity detector\$1 and compar\$4 mean\$1 and white light source	US-PGPUB; USPAT; USOCR	AND	OFF	2009/01/21 18:03
S16	101	analyz\$4 tissue with infrared light\$1 intensity and probe tip with fiber bundle\$1	US-PGPUB; USPAT	AND	OFF	2009/01/22 14:39
S17	337	(assess\$4 bone thickness and light\$1) and (degree collagen fiber lineariz\$4)	US-PGPUB; USPAT	AND	OFF	2009/01/22 18:25

S18	25	(assess\$4 bone thickness and infrared light\$1)and (degree collagen fiber lineariz\$4)	US-PGPUB; USPAT	AND	OFF	2009/01/22 18:25
S19	0	(assess\$4 bone thickness with infrare white light\$1 spectrometer)	US-PGPUB; USPAT	AND	OFF	2009/01/22 18:27
S20	35	(assess\$4 bone thickness and infrared white light\$1 spectrometer) and (determin\$4 thickness with light\$1 intensity)	US-PGPUB; USPAT	AND	OFF	2009/01/22 18:28
S21	17	signal process\$4 with apply\$4 tissue thickness and fiber linearization	US-PGPUB; USPAT	AND	OFF	2009/01/22 18:54
S22	0	(control with signal process\$4 and apply\$4 tissue thickness and fiber linearization) and (light intensity with tissue thicjness)	US-PGPUB; USPAT	AND	OFF	2009/01/22 18:55
S23	1	(control with signal process\$4 and apply\$4 tissue thickness and fiber linearization) and (light intensity with tissue thickness)	US-PGPUB; USPAT	AND	OFF	2009/01/22 18:56
S24	13	(control with signal process\$4 and apply\$4 tissue thickness and fiber linearization) and (light intensity and tissue thickness)	US-PGPUB; USPAT	AND	OFF	2009/01/22 18:56
S25	0	assess\$4 catillage bone thickness with infrared light and degree collagen fiber linearization	US-PGPUB; USPAT	AND	OFF	2009/01/22 21:25
S26	40687	multiplex\$5 and light\$4 intensity and reference	US-PGPUB; USPAT	AND	OFF	2009/01/23 17:38
S27	382	multiplex\$5 and determin\$4 light\$4 intensity with tissue thickness	US-PGPUB; USPAT	AND	OFF	2009/01/23 17:39
S28	298	multiplex\$5 and determin\$4 light\$4 intensity with tissue thickness diagnos\$5	US-PGPUB; USPAT	AND	OFF	2009/01/23 17:39

S29	0	multiplex\$5 and determin\$4 light\$4 intensity with tissue thickness diagnos\$5 and endoscop\$5	US-PGPUB; USPAT	AND	OFF	2009/01/23 17:40
S30	87	multiplex\$5 and determin\$4 light\$4 intensity with tissue thickness diagnos\$5 and endoscop\$5	US-PGPUB; USPAT	AND	OFF	2009/01/23 17:40
S31	7	determin\$4 light\$4 intensity with bone thickness diagnos\$5 and endoscop\$5	US-PGPUB; USPAT	AND	OFF	2009/01/23 17:54
S32	966	determin\$4 bone thickness with light\$4 intensity	US-PGPUB; USPAT	AND	OFF	2009/01/23 17:57
S33	122	determin\$4 bone and cartilage thickness with light\$4 intensity	US-PGPUB; USPAT	AND	OFF	2009/01/23 17:57
S34	0	600/476.ccls. and determin\$4 light\$4 intensity with bone thickness diagnos\$5 and endoscop\$5	US-PGPUB; USPAT	AND	OFF	2009/01/23 18:09
S35	3028435	600/476.ccls. and determin\$4 light\$4 intensity with bone thickness diagnos\$5 and endoscop\$5	US-PGPUB; USPAT	OR	OFF	2009/01/23 18:10
S36	3028439	600/473.ccls. and determin\$4 light\$4 intensity with bone thickness diagnos\$5 and endoscop\$5	US-PGPUB; USPAT	OR	OFF	2009/01/23 18:10
S37	0	600/478.ccls. and (control with signal process\$4 and apply\$4 tissue thickness and fiber linearization) and (light intensity with tissue thickness)	US-PGPUB; USPAT	AND	OFF	2009/01/23 18:10
S38	0	600/478.ccls. and (control with signal process\$4 and apply\$4 tissue thickness and fiber linearization) and (light intensity with tissue thickness)	US-PGPUB; USPAT	AND	OFF	2009/01/23 18:11

S39	310	600/478.ccls. and (control with signal process\$4 and apply\$4 tissue thickness and fiber linearization) and (light intensity with tissue thickness)	US-PGPUB; USPAT	OR	OFF	2009/01/23 18:11
S40	236	600/477.ccls. and (control with signal process\$4 and apply\$4 tissue thickness and fiber linearization) and (light intensity with tissue thickness)	US-PGPUB; USPAT	OR	OFF	2009/01/23 18:11
S41	715	600/473.ccls. and (control with signal process\$4 and apply\$4 tissue thickness and fiber linearization) and (light intensity with tissue thickness)	US-PGPUB; USPAT	OR	OFF	2009/01/23 18:11
S42	0	measur\$4 cartilag\$3 thickness with light intensit\$4	US-PGPUB; USPAT	AND	OFF	2009/09/03 15:18
S43	0	measur\$4 cartilag\$3 thickness with light intensit\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/09/03 15:18
S44	167	measur\$4 cartilag\$3 thickness with light intensit\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/09/03 15:18
S45	167	measur\$4 cartilag\$3 thickness with light\$1 intensit\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/09/03 15:19
S46	101	((ANDERS) near2 (JOHANSSON)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/03 15:21
S47	50	((ANDERS) near2 (JOHANSSON)).INV.	EPO; JPO; DERWENT	OR	OFF	2009/09/03 15:21
S48	5	((TOMMY) near2 (SUNDQVIST)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/03 15:21
S49	3	((TOMMY) near2 (SUNDQVIST)).INV.	EPO; JPO; DERWENT	OR	OFF	2009/09/03 15:21
S50	6	((AKE) near2 (OBERG)). INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/03 15:21
S51	0	((AKE) near2 (OBERG)). INV.	EPO; JPO; DERWENT	OR	OFF	2009/09/03 15:21

S52	9074	measur\$4 cartilag\$3 thickness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/09/03 15:27
S53	0	measur\$4 cartilag\$3 thickness with light\$1 intensit\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2009/09/03 15:28
S54	292	measur\$4 cartilag\$3 thickness or collagen with polariz\$5 light\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2009/09/03 15:30
S55	139	measur\$4 cartilag\$3 thickness or collagen with polariz\$5 light\$1 intensit\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2009/09/03 15:30
S56	0	measur\$4 (cartilag\$3 thickness or collagen ) with polariz\$5 light\$1 intensit\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2009/09/03 15:30
S57	0	measur\$4 cartilag\$3 thickness with polariz \$5 light\$1 intensit\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2009/09/03 15:38
S58	27	measur\$4 cartilag\$3 thickness with polariz \$5 light\$1 intensit\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/09/03 15:38
S59	9074	measur\$4 cartilag\$3 thickness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/09/03 15:41
S60	131	measur\$4 cartilag\$3 thickness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2009/09/03 15:41
S61	7	measur\$4 cartilag\$3 thickness and polariz\$5 light\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2009/09/03 15:42

S62	0	measur\$4 polariz\$5 light\$1 intensit\$4 with determin\$4 cartilag\$4 thick\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2009/09/03 15:44
S63	0	measur\$4 polari\$5 light \$1 intensit\$4 with determin\$4 cartilag\$4 thick\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2009/09/03 15:44
S64	0	polari\$5 light\$1 intensit \$4 with determin\$4 cartilag\$4 thick\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2009/09/03 15:45
S65	0	measur\$4 polariz\$5 light\$1 intensit\$4 with determin\$4 cartilag\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2009/09/03 15:45
S66	248	measur\$4 polariz\$5 light\$1 intensit\$4 with determin\$4 cartilag\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/09/03 15:45
S67	149	measur\$4 polari\$5 light \$1 intensit\$4 with determin\$4 cartilag\$4 thick\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/09/03 15:45
S68	63	"6370422"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/09/03 15:57
S69	3	"20010056237"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/09/03 15:57
S70	119	analyz\$4 cartilag\$3 thickness\$2 with light intensit\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/09/03 16:28
S71	181	cartilag\$3 thickness\$2 with light intensit\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/09/03 16:34

S72	98	cartilag\$3 thickness\$2 with light intensit\$3 and collagen	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/09/03 16:34
S73	8	cartilag\$3 with light intensit\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2009/09/03 16:35
S74	0	determin\$4 cartilag\$3 thickness and light intensit\$4	US-PGPUB; USPAT	ADJ	OFF	2009/09/03 16:41
S75	0	determin\$4 cartilag\$3 thickness with light intensit\$4	US-PGPUB; USPAT	ADJ	OFF	2009/09/03 16:41
S76	0	determin\$4 cartilag\$3 thickness with light intensit\$4	US-PGPUB; USPAT	WITH	OFF	2009/09/03 16:41
S77	170	determin\$4 cartilag\$3 thickness with light intensit\$4	US-PGPUB; USPAT	AND	OFF	2009/09/03 16:41
S78	1324	analyz\$4 light intensit \$4 with calculat\$4 and (cartilage thickness or collagen )	US-PGPUB; USPAT	AND	OFF	2009/09/03 16:50
S79	1324	analyz\$4 light intensit \$4 with calculat\$4 (cartilage thickness or collagen )	US-PGPUB; USPAT	AND	OFF	2009/09/03 16:50
S80	213	analyz\$4 light intensit \$4 with calculat\$4 (cartilage thickness or collagen ) and polariz \$4	US-PGPUB; USPAT	AND	OFF	2009/09/03 16:51
S81	2	analyz\$4 light intensit \$4 with calculat\$4 cartilage thickness with collagen and polariz\$4	US-PGPUB; USPAT	AND	OFF	2009/09/03 16:53
S82	36	analyz\$4 light intensit \$4 with calculat\$4 cartilage thickness and polariz\$4	US-PGPUB; USPAT	AND	OFF	2009/09/03 16:53
S83	5596	calculat\$4 cartilage thickness	US-PGPUB; USPAT	AND	OFF	2009/09/03 16:57
S84	23	calculat\$4 cartilage thickness	US-PGPUB; USPAT	WITH	OFF	2009/09/03 16:57
S85	83	"5280788"	US-PGPUB; USPAT	OR	OFF	2009/09/13 16:01
S86	12	measur\$4 bone thickness	US-PGPUB; USPAT	ADJ	OFF	2009/09/13 16:02



S87	0	measur\$4 bone thickness with light\$1	US-PGPUB; USPAT	ADJ	OFF	2009/09/13 16:03
S88	1424	measur\$4 bone thickness with light\$1	US-PGPUB; USPAT	AND	OFF	2009/09/13 16:03
S89	196	measur\$4 bone and cartilage thickness with light\$1	US-PGPUB; USPAT	AND	OFF	2009/09/13 16:03
S90	247	measur\$4 cartilage thickness with light\$1	US-PGPUB; USPAT	AND	OFF	2009/09/13 20:45
S91	2786	measur\$4 intensit\$4 back scatter\$4 light\$1 with determin\$4 tissue \$1 thickness	US-PGPUB; USPAT	AND	OFF	2010/03/01 16:59
S92	132	measur\$4 intensit\$4 back scatter\$4 light\$1 with determin\$4 cartilage\$1 thickness and fiber\$1 illuminat\$4	US-PGPUB; USPAT	AND	OFF	2010/03/01 17:00
S93	765	measur\$4 cartilage\$1 thickness with proces \$4 analyz\$4 light\$1 intensit\$4	US-PGPUB; USPAT	AND	OFF	2010/03/01 17:06
S94	541	measur\$4 cartilage\$1 thickness with proces \$4 analyz\$4 light\$1 intensit\$4 and wavelength\$1	US-PGPUB; USPAT	AND	OFF	2010/03/01 17:07
S95	2	measur\$4 cartilage\$1 thickness with proces \$4 analyz\$4 light\$1 intensit\$4 and wavelength\$1 and backscatter\$4 white light\$1	US-PGPUB; USPAT	AND	OFF	2010/03/01 17:09
S96	10	measur\$4 cartilage\$1 thickness with proces \$4 analyz\$4 light\$1 intensit\$4 and wavelength\$1 and backscatter\$4 light\$1	US-PGPUB; USPAT	AND	OFF	2010/03/01 17:10
S97	96	measur\$4 cartilage\$1 thickness with proces \$4 analyz\$4 light\$1 intensit\$4 and wavelength\$1 and back scatter\$4 light\$1	US-PGPUB; USPAT	AND	OFF	2010/03/01 17:10
S98	439	measur\$4 tissue\$1 thickness with proces \$4 analyz\$4 light\$1 intensit\$4 and wavelength\$1 and back scatter\$4 light\$1	US-PGPUB; USPAT	AND	OFF	2010/03/01 17:13

S99	52	measur\$4 tissue\$1 thickness with proces \$4 analyz\$4 light\$1 intensit\$4 and wavelength\$1 and back scatter\$4 light\$1 and illuminat\$4 tissue\$1 with fiber\$1 bundle\$1	US-PGPUB; USPAT	AND	OFF	2010/03/01 17:13
S100	138	measur\$4 cartilage\$1 thickness	US-PGPUB; USPAT	WITH	OFF	2010/03/01 17:43
S101	21	measur\$4 cartilage\$1 thickness	US-PGPUB; USPAT	ADJ	OFF	2010/03/01 17:43
S102	0	cartilage\$1 thickness with light intensit\$4	US-PGPUB; USPAT	WITH	OFF	2010/03/01 17:45
S103	190	cartilage\$1 thickness with light\$1 intensit\$4	US-PGPUB; USPAT	AND	OFF	2010/03/01 17:46
S104	3245	tissue\$1 thickness with light\$1 intensit\$4	US-PGPUB; USPAT	AND	OFF	2010/03/01 17:50
S105	21	measur\$4 tissue\$1 thickness with back scatter\$4 light\$1 intensit\$4 with proces \$4 analys\$4 with wavelength\$1	US-PGPUB; USPAT	AND	OFF	2010/03/01 17:51
S106	13	measur\$4 joint thickness with back scatter\$4 light\$1 intensit\$4 with proces \$4 analys\$4 with wavelength\$1	US-PGPUB; USPAT	AND	OFF	2010/03/01 17:53
S107	13	measur\$4 joint collagen thickness with back scatter\$4 light\$1 intensit\$4 with proces \$4 analys\$4 with wavelength\$1	US-PGPUB; USPAT	AND	OFF	2010/03/01 17:53
S108	506	cartilage thickness with measur\$4 light intensit \$4	US-PGPUB; USPAT	AND	OFF	2010/03/02 12:00
S109	0	cartilage thickness with measur\$4 light intensit \$4	US-PGPUB; USPAT	WITH	OFF	2010/03/02 12:00
S110	0	cartilage thickness with measur\$4 light intensit \$4 and wavelengths	US-PGPUB; USPAT	WITH	OFF	2010/03/02 12:00
S111	164	cartilage thickness with measur\$4 light intensit \$4 and wavelengths	US-PGPUB; USPAT	AND	OFF	2010/03/02 12:01
S112	151	cartilage thickness with light intensit\$4 detect \$4	US-PGPUB; USPAT	AND	OFF	2010/03/02 13:58

S113	101	measur\$4 cartilage thickness with light intensit\$4 reflect\$4 spectr\$4	US-PGPUB; USPAT	AND	OFF	2010/03/02 14:03
S114	289	measur\$4 tissue\$1 thick \$4 with analyz\$4 light \$1 intensit\$3 and wavelength\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2010/03/14 20:39
S115	1	measur\$4 tissue\$1 thick \$4 with analyz\$4 light \$1 intensit\$3 and wavelength\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/14 20:40
S116	22	measur\$4 tissue\$1 thick \$4 and analyz\$4 light \$1 intensit\$3 and wavelength\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/14 20:42
S117	3	"20010056237"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2010/03/14 21:04
S118	5	measur\$4 cartilage thickness with light intensit\$4 subchondral bone and cartilage	US-PGPUB; USPAT	AND	OFF	2010/09/09 18:38
S119	5	cartilage thickness with light intensit\$4 subchondral bone and cartilage	US-PGPUB; USPAT	AND	OFF	2010/09/09 18:45
S120	211	measur\$4 cartilage thickness and light intensit\$4 subchondral bone and cartilage	US-PGPUB; USPAT	AND	OFF	2010/09/09 18:45
S121	0	measur\$4 cartilage thickness and light intensit\$4 subchondral bone and cartilage	US-PGPUB; USPAT	WITH	OFF	2010/09/09 18:45
S122	26	"600".clas. and measur \$4 cartilage thickness and light intensit\$4 subchondral bone and cartilage	US-PGPUB; USPAT	AND	OFF	2010/09/09 18:45
S123	0	measur\$4 cartilage thickness based on reflect\$4 light intensit \$4 subchondral bone and cartilage	US-PGPUB; USPAT	AND	OFF	2010/09/09 18:55

S124	40	measur\$4 cartilage thickness based with light intensit\$4 subchondral bone and cartilage	US-PGPUB; USPAT	AND	OFF	2010/09/09 18:55
S125	3	600/473-479.ccls. and measur\$4 cartilage thickness and light intensit\$4 subchondral bone and cartilage	US-PGPUB; USPAT	AND	OFF	2010/09/09 18:56
S126	0	600/473-479.ccls. and cartilage thickness with subchondral bone	US-PGPUB; USPAT	AND	OFF	2010/09/09 18:57
S127	260	cartilage thickness with subchondral bone	US-PGPUB; USPAT	AND	OFF	2010/09/09 18:57
S128	0	cartilage thickness with subchondral bone and light intensit44	US-PGPUB; USPAT	AND	OFF	2010/09/09 18:58
S129	47	cartilage thickness with subchondral bone and light intensit\$4	US-PGPUB; USPAT	AND	OFF	2010/09/09 18:58
S130	111	optic\$4 light intensit\$4 and cartilage thickness and subchondral bone	US-PGPUB; USPAT	AND	OFF	2010/09/09 19:00
S131	428	((A) near2 (STONE)). INV.	EPO; JPO; DERWENT	OR	OFF	2010/09/09 19:25
S132	0	measur\$4 cartilage thickness with optic\$4 proptert\$4 subchondral bone and cartilage	US-PGPUB; USPAT	WITH	OFF	2010/09/10 13:13
S133	34	measur\$4 cartilage thickness with optic\$4 proptert\$4 subchondral bone and cartilage	US-PGPUB; USPAT	AND	OFF	2010/09/10 13:14
S134	119	measur\$4 cartilage thickness with optic\$4 light with bone and cartilage	US-PGPUB; USPAT	AND	OFF	2010/09/10 13:17
S135	0	measur\$4 cartilage thickness with optic\$4 light with subchondral bone and cartilage	US-PGPUB; USPAT	AND	OFF	2010/09/10 13:18
S136	16	measur\$4 cartilage thickness with light intensit\$4 with bone and cartilage	US-PGPUB; USPAT	AND	OFF	2010/09/10 13:19
S137	186	measur\$4 cartilage thickness with subchondral bone and cartilage	US-PGPUB; USPAT	AND	OFF	2010/09/10 13:25

S138	2	measur\$4 cartilage thickness with subchondral bone and cartilage and fiber optic	US-PGPUB; USPAT	AND	OFF	2010/09/10 13:25
S139	71	measur\$4 cartilage thickness and subchondral bone and cartilage and fiber optic	US-PGPUB; USPAT	AND	OFF	2010/09/10 13:26
S140	75	measur\$4 cartilage thickness with fiber optic	US-PGPUB; USPAT	AND	OFF	2010/09/10 13:45
S141	108	measur\$4 cartilage thickness with reflect\$4 light intensit\$4	US-PGPUB; USPAT	AND	OFF	2010/09/10 13:47
S142	100	measur\$4 cartilage thickness with reflect\$4 light intensit\$4 and bone	US-PGPUB; USPAT	AND	OFF	2010/09/10 13:47
S143	0	cartilage thickness and light intensit\$4	US-PGPUB; USPAT	ADJ	OFF	2010/09/10 13:49
S144	138	cartilage thickness and light	US-PGPUB; USPAT	ADJ	OFF	2010/09/10 13:49
S145	13	cartilage thickness and reflec\$4 light	US-PGPUB; USPAT	ADJ	OFF	2010/09/10 13:49
S146	0	cartilage thickness and fiber opt	US-PGPUB; USPAT	ADJ	OFF	2010/09/10 13:50
S147	0	cartilage thickness with light intensit	US-PGPUB; USPAT	ADJ	OFF	2010/09/10 13:51
S148	0	cartilage thickness with light intensit and subchondral bone	US-PGPUB; USPAT	AND	OFF	2010/09/10 13:51
S149	5	cartilage thickness with light intensit\$3 and subchondral bone	US-PGPUB; USPAT	AND	OFF	2010/09/10 13:51
S150	217	cartilage thickness and light intensit\$3 and subchondral bone	US-PGPUB; USPAT	AND	OFF	2010/09/10 13:53
S151	10	cartilage thickness and light intensit\$3 and subchondral bone	US-PGPUB; USPAT	WITH	OFF	2010/09/10 13:53
S152	1	cartilage thickness and optic\$4 subchondral bone	US-PGPUB; USPAT	WITH	OFF	2010/09/10 13:55
S153	179	cartilage thickness and fiber optic\$4 subchondral bone	US-PGPUB; USPAT	AND	OFF	2010/09/10 13:56
S154	22	cartilage thickness with fiber optic\$4 subchondral bone	US-PGPUB; USPAT	AND	OFF	2010/09/10 13:56

S155	296	cartilage thickness with light intensit\$4	US-PGPUB; USPAT	AND	OFF	2010/09/10 13:57
S156	892	cartilage thickness with bone light intensit\$4	US-PGPUB; USPAT	AND	OFF	2010/09/10 13:57
S157	47	cartilage thickness with subchondral bone light intensit\$4	US-PGPUB; USPAT	AND	OFF	2010/09/10 13:57
S158	24	cartilage thickness with bone backscat\$4 light intensit\$4	US-PGPUB; USPAT	AND	OFF	2010/09/10 14:00
S159	892	cartilage thickness with bone light intensit\$4	US-PGPUB; USPAT	AND	OFF	2010/09/10 14:01
S160	0	cartilage thickness with bone light intensit\$4	US-PGPUB; USPAT	WITH	OFF	2010/09/10 14:01
S161	0	cartilage thickness and bone light intensit\$4	US-PGPUB; USPAT	WITH	OFF	2010/09/10 14:01
S162	217	cartilage thickness and subchondral bone light intensit\$4	US-PGPUB; USPAT	AND	OFF	2010/09/10 14:01
S163	4	600/473-479.ccls. and cartilage thickness with bone light intensit\$4	US-PGPUB; USPAT	AND	OFF	2010/09/10 14:03
S164	40	"600".clas. and cartilage thickness with bone light intensit\$4	US-PGPUB; USPAT	AND	OFF	2010/09/10 14:04
S165	0	measur\$4 cartilag\$3 thick\$3 with light intensit\$3 and cartilag \$3 and bone	US-PGPUB; USPAT; USOCR; DERWENT	WITH	OFF	2011/09/01 13:46
S166	111	measur\$4 cartilag\$3 thick\$3 with light intensit\$3 and cartilag \$3 and bone	US-PGPUB; USPAT; USOCR; DERWENT	AND	OFF	2011/09/01 13:46
S167	4	measur\$4 cartilag\$3 thick\$3 with light intensit\$3 and cartilag \$3 and subchondral bone	US-PGPUB; USPAT; USOCR; DERWENT	AND	OFF	2011/09/01 13:46
S168	0	measur\$4 cartilag\$3 thick\$3	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2011/09/01 13:49
S169	24	cartilag\$3 thick\$3	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2011/09/01 13:50
S170	336	cartilag\$3 thickness	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2011/09/01 13:50
S171	0	cartilag\$3 thickness with light intensit\$4	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2011/09/01 13:50

S172	0	cartilag\$3 thickness with light intensit\$4	US-PGPUB; USPAT; USOCR; DERWENT	WITH	OFF	2011/09/01 13:50
S173	0	cartilag\$3 thickness with light intensit\$3	US-PGPUB; USPAT; USOCR; DERWENT	WITH	OFF	2011/09/01 13:50
S174	55	cartilag\$3 thickness and light intensit\$3	US-PGPUB; USPAT; USOCR; DERWENT	WITH	OFF	2011/09/01 13:50
S175	0	cartilag\$3 thickness and light intensit\$3 subchondral	US-PGPUB; USPAT; USOCR; DERWENT	WITH	OFF	2011/09/01 13:51
S176	1	cartilag\$3 thickness and light intensit\$3 with bone and cartilage	US-PGPUB; USPAT; USOCR; DERWENT	WITH	OFF	2011/09/01 13:51
S177	0	cartilag\$3 thickness with light intensit\$3 and wavelength	US-PGPUB; USPAT; USOCR; DERWENT	WITH	OFF	2011/09/01 13:52
S178	189	cartilag\$3 thickness with light intensit\$3 and wavelength	US-PGPUB; USPAT; USOCR; DERWENT	AND	OFF	2011/09/01 13:52

**9/ 10/ 2011 3:18:01 PM**

**C:\ Documents and Settings\ jbrutus2\ My Documents\ EAST\ Workspaces\ 10587490.wsp**